

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L2    | 300   | 422/82.07.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/13 09:22 |
| L3    | 133   | L2 and calibrat\$4  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/07/13 09:24 |
| L4    | 39    | I3 and ((cell or microorganism or bacteria or pathogen or anthrax) with detect\$4)  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2006/07/13 09:24 |
| L5    | 18330 | 435/288.7.ccls. or 435/4.ccls. or 435/14.ccls. or 435/31.ccls. or 435/287.4.ccls. or 435/7.92.ccls. or 435/287.1.ccls. or 435/287.2.ccls. or 435/288.3.ccls. or 385/12.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/13 10:31 |
| L6    | 126   | L5 and (cartridge with remov\$4) and ((cell or microorganism or pathogen or anthrax or bacteria) with detect\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/13 10:43 |
| L7    | 103   | L5 and (cartridge with remov\$4) and ((cell or microorganism or pathogen or anthrax or bacteria) with detect\$4) and fluoresc\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/13 10:45 |
| L8    | 100   | L5 and (cartridge with remov\$4) and ((cell or microorganism or pathogen or anthrax or bacteria) with detect\$4) and fluoresc\$5 and (separat\$4 or membrane or partition\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/13 10:45 |
| L9    | 103   | L6 and (cartridge with remov\$4) and ((cell or microorganism or pathogen or anthrax or bacteria) with detect\$4) and fluoresc\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/13 10:45 |
| L10   | 100   | L9 and (cartridge with remov\$4) and ((cell or microorganism or pathogen or anthrax or bacteria) with detect\$4) and fluoresc\$5 and (separat\$4 or membrane or partition\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/13 11:03 |
| L13   | 1     | L9 and (cartridge with remov\$4) and ((cell or microorganism or pathogen or anthrax or bacteria) with detect\$4) and fluoresc\$5 and "20030222012"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/13 11:04 |
| S1    | 1     | "20040106164"   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/07/13 10:28 |

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|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S2  | 1077  | 435/288.7.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/11 15:02 |
| S3  | 18295 | 435/288.7.ccls. or 435/4.ccls. or<br>435/14.ccls. or 435/31.ccls. or<br>435/287.4.ccls. or 435/7.92.ccls. or<br>435/287.1.ccls. or 435/287.2.ccls. or<br>435/288.3.ccls. or 385/12.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/11 15:02 |
| S4  | 4     | "5364767".pn. or "6060266".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/11 15:10 |
| S5  | 3     | "9932655"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/11 15:11 |
| S6  | 278   | "44140"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/11 15:11 |
| S7  | 7     | "44140"   | EPO; JPO;<br>DERWENT                        | OR | OFF | 2006/07/12 12:50 |
| S8  | 1     | "5972595".pn.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2006/07/12 07:28 |
| S9  | 3     | ("5972595").URPN.   | USPAT                                       | OR | OFF | 2006/07/12 07:42 |
| S10 | 25    | ("20020028477"   "20020177166"  <br>"20030235865"   "20040022677"  <br>"5420016"   "5731415"   "5741689"<br>  "5824492"   "5846824"  <br>"5885777"   "5948664"   "5955277"<br>  "5972595"   "6001354"  <br>"6043062"   "6194173"   "6238903"<br>  "6274327"   "6291220"  <br>"6300111"   "6436671"   "6482623"<br>  "6531283"   "6645724"  <br>"6753157").PN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/12 07:42 |
| S11 | 10    | "1552607"   | EPO; JPO;<br>DERWENT                        | OR | OFF | 2006/07/12 07:51 |
| S12 | 18295 | 435/288.7.ccls. or 435/4.ccls. or<br>435/14.ccls. or 435/31.ccls. or<br>435/287.4.ccls. or 435/7.92.ccls. or<br>435/287.1.ccls. or 435/287.2.ccls. or<br>435/288.3.ccls. or 385/12.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/12 07:51 |
| S13 | 1147  | S12 and partition\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 08:38 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S14 | 721  | S13 and enzyme and substrate and control\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 07:52 |
| S15 | 605  | S14 and fluorescen\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 08:00 |
| S16 | 115  | S15 and (partition\$4 with (polydimethylsiloxane or pdms or film or membrane or filter\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 08:01 |
| S17 | 646  | S12 and (probe with membrane) and substrate and enzyme and control\$4 and fluorescen\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 08:40 |
| S18 | 772  | S12 and ((probe or sensor) with membrane) and substrate and enzyme and control\$4 and fluorescen\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 08:40 |
| S19 | 170  | S12 and ((sensor) with membrane) and substrate and enzyme and control\$4 and fluorescen\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 08:45 |
| S20 | 10   | "4900933".pn. "5124128".pn. "5422246".pn. "5633081".pn. "6156550".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 08:45 |
| S21 | 1269 | (glucuronidase or galactosidase or glucuronide or galactopyranoside) and S12 and (bacteria or microorganism) and fluorescen\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 09:30 |
| S22 | 269  | S21 and ((probe or sensor) with (membrane or filter or pdms))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 09:31 |
| S23 | 52   | S21 and ((probe or sensor) with (membrane or filter or pdms)) and ((microorganism or bacteria) with detect\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 09:31 |
| S24 | 1    | ("6566508").URPN.   | USPAT                                       | OR | OFF | 2006/07/12 09:44 |
| S25 | 15   | ("4172227"   "4259233"   "4347935"   "4591554"   "4661913"   "4667830"   "5053020"   "5093234"   "5144224"   "5236827"   "5292840"   "5418167"   "5514120"   "5602202"   "5958782").PN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/12 09:48 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S26 | 1     | "6566508".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/12 11:13 |
| S27 | 1     | "6372895".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/12 09:48 |
| S28 | 12    | ("3654090"   "4446232"   "4530900"<br>  "4629688"   "4668623"  <br>"4937188"   "5104815"   "5190864"<br>  "5238817"   "5304465"  <br>"5328831").PN.                                      | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/12 11:19 |
| S29 | 18295 | 435/288.7.ccls. or 435/4.ccls. or<br>435/14.ccls. or 435/31.ccls. or<br>435/287.4.ccls. or 435/7.92.ccls. or<br>435/287.1.ccls. or 435/287.2.ccls. or<br>435/288.3.ccls. or 385/12.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/12 11:23 |
| S30 | 2     | S29 and (enzyme same substrate<br>same partition\$4 same react\$3) and<br>((microorganism or bacteria) with<br>detect\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 11:26 |
| S31 | 3     | S29 and (enzyme same substrate<br>same (membrane with separat\$4)<br>same react\$3) and ((microorganism<br>or bacteria) with detect\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 11:30 |
| S32 | 17    | (enzyme same substrate same<br>(membrane with separat\$4) same<br>react\$3) and ((microorganism or<br>bacteria) with detect\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 11:30 |
| S33 | 4     | (enzyme same substrate same<br>(partition\$3) same react\$3) and<br>((microorganism or bacteria) with<br>detect\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 11:30 |
| S34 | 452   | "435".clas. and (membrane with<br>enzyme with fluorescen\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 12:55 |
| S35 | 501   | "435".clas. and (membrane with<br>enzym\$4 with fluorescen\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 12:55 |
| S36 | 417   | S35 and ((cell or microorganism or<br>bacteria) with detect\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:06 |
| S37 | 236   | S36 and (glucuronide or<br>galactopyranoside or glucuronidase<br>or galactosidase)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:07 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S38 | 43  | S36 and (glucuronide or galactopyranoside) and (glucuronidase or galactosidase)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:07 |
| S39 | 2   | ("5861270").URPN.   | USPAT                                       | OR | OFF | 2006/07/12 13:24 |
| S40 | 16  | (partition\$4 with enzyme with substrate) and ((cell\$4 or microorganism or bacteria) with detect\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/12 13:25 |
| S41 | 13  | (partition\$4 with enzyme with substrate) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/12 13:32 |
| S42 | 568 | (separat\$4 with enzyme with substrate) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/12 13:32 |
| S43 | 751 | (separat\$4 with enzyme with substrate) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:33 |
| S44 | 19  | (partition\$4 with enzyme with substrate) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:32 |
| S45 | 6   | S44 not S41   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:32 |
| S46 | 36  | (separat\$4 with enzyme with substrate with (pdms or membrane or filter)) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:42 |
| S47 | 0   | (separat\$4 with enzyme with substrate with (pdms)) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:33 |
| S48 | 0   | (separat\$4 with enzyme with substrate with (pdms or polydimethylsiloxane)) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:42 |
| S49 | 0   | (enzyme with substrate with (pdms or polydimethylsiloxane)) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/12 13:42 |

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|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S50 | 9   | (enzyme with (pdms or polydimethylsiloxane)) and ((cell\$4 or microorganism or bacteria) with detect\$4) and fluoresc\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/12 13:56 |
| S51 | 2   | "5861270".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/12 14:27 |
| S52 | 300 | 422/82.07.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/12 14:27 |
| S53 | 4   | "4577109".pn. or "5238809".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/12 14:42 |
| S54 | 86  | S52 and ((\cell\$4 or microorganism or bacteria or pathogen or anthrax) with detect\$4)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/12 14:43 |
| S55 | 86  | S52 and ((cell\$4 or microorganism or bacteria or pathogen or anthrax) with detect\$4)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/12 14:50 |
| S56 | 51  | S55 and membrane   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/12 14:52 |
| S57 | 5   | S55 and (polydimethylsiloxane or pdms)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/12 14:51 |